

# EPA New England NON-NPL Fact Sheet

Site Type: Site Awaiting NPL Decision (SAND)  
Status: Archive

Last Released to Public: 01/15/2002

## MOTT METALLURGICAL COMPANY

Map of Site:

PLAINVILLE, Connecticut  
HARTFORD County

Street Address: 84 SPRING  
LANE

Zip Code: 06062  
Congressional 06

District(s):  
EPA ID #: CTD98052419  
3

Site ID #: 0100239  
Site Alias:

### Description

The Mott Metallurgical Company (Mott) property is located within the Farmington Industrial Park (FIP), at 84 Spring Lane in Plainville, Hartford County, Connecticut. The property is listed on the Town of Plainville Tax Assessor's Map 3 Block B as Lot No. 1. The 6.5-acre property is currently owned by a private party, and consists of a large building with a paved parking area. The remainder of the property is occupied by two fenced-in aboveground storage tanks (ASTs) and grassy area. The property is located within a mixed residential and industrial area and is bordered to the north by the Electrical Coil Corp., to the south by Signa Corp., to the west by Spring Lane and Wesley Products, and to the east by the Unionville Water Company.

Property use and development prior to 1969 was primarily agricultural. Mott, an active manufacturing company that currently produces sintered metallic filters, has operated at the property since 1969. Processes include forming, sintering, and metal finishing of the filters; degreasing; filter rinsing; filter cleaning; and laboratory analysis. Solvents used include methyl ethyl ketone (MEK), propanol, and acetone. In addition, nitric and phosphoric acids are used in the preparation and cleaning activities. Waste solvents including 1,1,1-trichloroethane (1,1,1-TCA), MEK, and acetone were disposed of in an on-site 350-gallon dry well. In 1981, two underground storage tanks (USTs) were removed from the property. SAND Fact Sheet Last Updated on: 11 May 2001

Analytical results of subsurface soil samples collected from the property in 1990 indicated the presence of acetone, chromium, nickel and copper. As a result, approximately 13 cubic yards of soil were excavated. Previous investigations at the property have included: a 1975 sampling event by the Connecticut Department of Environmental Protection (CT DEP) and the Connecticut Department of Health (CT DOH); a 1980 sampling event by CT DEP; a 1986 Preliminary Assessment by CT DEP; a 1989 sampling event by CT DEP; a 1990 Screening Site Inspection (SI) and a Subsurface Investigation and Soil Remediation by HRP Associates, Inc. (HRP) for Mott; and a 1997 Site Inspection Prioritization Report (SIP).

The estimated population served by public and private drinking water supply wells within 4-radial miles of the property is 70,917 and 7,880, respectively. The nearest public drinking water supply well is located approximately 500 feet east of the property; the nearest private drinking water supply well is located approximately 1.8 miles northwest of the property. Groundwater occurs in overburden at a depth of approximately 30 feet (ft) below ground

surface (bgs), and groundwater flow is to the east-northeast. Analytical results of groundwater samples collected from the property in 1975 indicated the presence of four volatile organic compounds (VOCs), three of which were likely attributable to substances used at the property. Analytical results of samples collected from the on-site production well in 1980 indicated the presence of TCE, PCE, and 1,1,1,-TCA. Analytical results of samples collected from the on-site production well in 1989 and 1990 indicated the presence of 1,1,1,-TCA. In 1995, one monitoring well and eight public drinking water supply wells were sampled and analytical results of the public drinking water supply wells indicated the presence of five VOCs and one semivolatile organic compound (SVOC). Based on analytical results, impacts to nearby groundwater drinking water supply sources are suspected.

Stormwater runoff from the property flows into two stormwater catchbasins that empty into Scott Swamp Brook. Additional surface water bodies located along the 15-mile downstream pathway include the Pequabuck River and the Farmington River. There are no drinking water intakes located along the 15-mile downstream surface water pathway. An estimated 3 miles of wetland frontage, a Clean Water Act (CWA)-protected water body, a state wildlife area, and fishery occur along the downstream pathway. Analytical results of samples collected from FIP properties in 1995 indicated the presence of four VOCs, two SVOCs, eight inorganic compounds, and two pesticides in sediment samples, and the presence of 10 inorganic compounds in surface water samples. As a result, a release of hazardous substances to a CWA-protected water body and fishery has been documented, and impacts to nearby sensitive environments are suspected.

Approximately 130 employees work on the property. Approximately 2,859 people reside within 1-radial mile of the property. The nearest residence is located 1,500 feet south of the property. The nearest school is located 1.2 miles south of the property. There are no terrestrial sensitive environments located on the property. Access to the property is unrestricted. Analytical results of surface soil samples collected from the property in 1980 indicated the presence of three VOCs. Based on the site observations and conditions, and proximity to nearby residential targets, no impacts to nearby residential populations are known or suspected.

An estimated 88,595 people, and 1,988 acres of wetland and habitats for one Federal endangered species and five State-endangered/threatened species occur within 4-radial miles of the property. No laboratory qualitative air samples are known to have been collected from the property. Based on the available data, no impacts to nearby residential populations or sensitive environments are known or suspected.

In July 1995, Mott received CT DEP approval of a report concluding that no additional actions were required. The last known action at the property was the SIP completed in 1997.

## Current Status

## Photos

## Public Record Locations

OSRR Records and Information Center , 1st Floor, 5 Post Office Square, Suite 100 (HSC), Boston, MA 02109-3912 (617) 918-1440

## Contacts

### Site Assessment Manager

Address:

Phone #:

E-Mail Address:

### Don Smith

One Congress Street, Suite 1100 (HBS)

Boston, MA 02114-2023

617-918-1433

smith.donald@epa.gov

### State Agency Contact

Address:

Phone #:  
E-Mail Address:

(Edit this label)

Address:  
Phone #:  
E-Mail Address:

#### Fact Sheet Maintenance

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